

Annals of HUMAN BIOLOGY

Journal of the Society for the Study of Human Biology

Edited by K. J. Collins, G. A. Harrison, J. M. Tanner

VOLUME 16 1989



Taylor & Francis

London • New York • Philadelphia

CONTENTS OF VOLUME 16

Volume 16 Number 1 January-February 1989

Effects of social class differences and social mobility on growth in height, weight and body mass index in a British cohort G. W. Lasker and C. G. N. Mascie-Taylor	1
Short Report: Effect of sex chromosome aneuploidy on growth of human skin fibroblasts in cell culture J. Varrelä, H. Larjava, H. Järveläinen, R. Penttinen, E. Eerola and L. Alvesalo	9
Acute mountain sickness and physiological stress during intermittent exposure to high altitude D. E. Brown	15
Birth dimensions in Melanesian and Indian Fijians and their relationships with maternal and socio-economic factors E. J. Clegg and S. D. Clegg	25
The validity of reported parental height in inner city areas in England R. J. Rona, S. Chinn and R. Manning	41
Variability in stature growth G. A. Harrison and L. H. Schmitt	45
Distribution of group-specific component (Gc) subtypes in several Mongoloid populations of East Asia N. Saha	53
The Ok Tedi Health and Nutrition Project, Papua New Guinea: adult physique of three populations in the North Fly region S. J. Ulijaszek, J. A. Lourie, T. Taufa and A. Pumuye	61
Book reviews	75
List of SSHB Members	85
Announcements	97

Volume 16 Number 2 March-April 1989

Family resemblance in blood pressure measurements G. Dell'Acqua, M. T. Tasini, E. Guidi, M. A. Baserga-Marchetti, G. Formica, R. Pansini, G. Rausa and I. Barrai	99
--	----

	Weight-for-height in two national cohorts with particular reference to 10-year-old children	
1	P. W. Thomas, T. J. Peters, J. Golding and M. N. Haslum	109
	Study of genetic variance in the fluctuating asymmetry of anthropometrical traits	
	G. Livshits and E. Kobylansky	121
9	Male and female correlations for taster (P.T.C.) phenotypes and rate of adolescent development	
	D. Whissell-Beuchy and C. Wills	131
15	Some red cell enzymes and haptoglobin gene frequencies in two Basque regions and León	
	M. M. de Pancorbo, L. I. Mazón, C. de la Rica, A. Vicario and C. M. Lostao	147
25	Growth patterns of school-children in Bahrain	
	A. O. Musaiger, W. B. Gregory and J. D. Haas	155
41	Gene frequencies of Gc and PGM subtypes	
	I. White, S. S. Papiha and D. F. Roberts	169
45	Letter to the Editor	172
	Proceedings of the Society for the Study of Human Biology	175
53	In Memoriam – Hans Kalmus	179
	Corrigenda	181
61	Announcements	183
75		
85		
97	Volume 16 Number 3 May–June 1989	
	Editorial	183
	Demographic aspects of ageing	
	B. Benjamin	185
99	Age-dependent changes in morphometric and biochemical traits	
	Eugene Kobylansky and Gregory Livshits	237
	Normal values for range of shoulder abduction in men and women aged over 65 years	
	E. J. Bassey, S. B. J. Ebrahim, H. M. Dallosso and K. Morgan	249
	Mitochondrial antigenic structure and enzyme activity in ageing human diploid fibroblasts	
	G. R. Flannery, H. Baum and A. H. Bittles	259

Heart-rate variation, age, and behaviour in elderly women V. Reynolds, F. Marriott, F. Shawkat, M. Eggerman and V. Nikolaou	265
Abstracts from the Symposium on Biology of Ageing (IUAES, Zagreb 1988)	275
Book Reviews	279
Announcements	287

Volume 16 Number 4 July-August 1989

The adolescent growth spurt of height among rural Indian boys in relation to childhood nutritional background: An 18 year longitudinal study K. Satyanarayana, G. Radhaiah, K. R. Murali Mohan, B. V. S. Thimmayamma, N. Pralhad Rao, B. S. Narasinga Rao and S. Akella	289
Some multivariate tests for differences in sexual dimorphism between human populations G. N. van Vark, P. G. M. van der Sma, J. Dijkema and J. E. Buikstra	301
Breast feeding and post-partum amenorrhea in Serere women in Senegal Lyliane Rosetta	311
Genetic differentiation among four groups of fishermen of the Eastern coast, India B. Mohan Reddy, Virendra P. Chopra, Alexander Rodewald, B. N. Mukherjee and Kailash C. Malhotra	321
Effects of early maturation on fetal growth Theresa O. Scholl, Mary L. Hediger, Peter Vasilenko III, Isadore G. Ances, Woolcott Smith, and Ruth Wexberg Salmon	335
Age at menarche and postmenarcheal growth in rural Bangladeshi females A. P. Riley, S. L. Huffman, and A. K. M. Chowdhury	347
Principal component analysis of shape variables in adult individuals Susan R. Wilson and Danuta Z. Loesch	361
Population and biochemical genetics of the human mitochondrial malic enzyme S. S. Papiha, A. Jackson and H. Ranasinghe	369
Book reviews	375

Volume 16 Number 5 September-October 1989

The secular trend in height of primary school children in England and Scotland 1972-79 and 1979-86	
S. Chinn, R. J. Rona and C. E. Price	387
Heights and weights of Swedish school children born in 1955 and 1967	
G. W. Lindgren and R. C. Hauspie	397
Using the LMS method to measure skewness in the NCHS and Dutch National height standards	
T. J. Cole	407
Growth of remote Australian Aborigines from birth to two years	
M. Gracey and H. Sullivan	421
Lack of linkage between height and weight and age at menarche during the secular shift in growth of Japanese children	
S. Tsuzaki, N. Matsuo, T. Ogata and M. Osano	429
Parotid gland enlargement and female reproductive performance in a Papua New Guinea highland population	
G. Brush, G. A. Harrison, A. J. Boyce and J. A. Lourie	437
Complement polymorphism in Greece	
C. D. Triantaphyllidis, A. Ad'hiah, J. Karkousis and S. S. Papiha	443
Size and shape components of anthropometric differences among the Yanadis	
T. S. Vasulu and M. Pal	449
Short reports:	
The age at menarch and age at first birth in an undernourished population	
J. Komlos	463
A model for the study of sex-linked influences through the study of different classes of cousin pairs	
G. W. Lasker	467
Book reviews	473
Corrigenda	482

Volume 16 Number 6 November-December 1989

Migration within the island of Korčula, Yugoslavia	
A. Sujoldžić, V. Jovanović, J. L. Angel, L. A. Bennett, D. F. Roberts and P. Rudan	483

Body circumferences as alternatives to skinfold measures of body fat distribution in children	
William H. Mueller, Anne Marbella, Ronald B. Harrist, Haley Jo Kaplowitz, Jo Anne Grunbaum and Darwin R. Labarthe	495
The growth of Melanesian and Indian Children in Fiji	
E. J. Clegg	507
Variation in adult body dimensions in relation to economic condition among the Mahishyas of Howrah district, West Bengal, India	
Premananda Bharati	529
Short reports:	
Estimates of historical migration in County Durham	
M. T. Smith and A. J. Pain	543
The distribution of age at menarche in a random series of Turin girls followed longitudinally	
L. Benso, C. Lorenzino, L. Pastorin, M. Barotto, F. Signorile and M. Mostert	549
Letter to the Editors	
Factors influencing the growth of Bahraini school-children	
A. H. Bittles	553
Reply to Bittles	
A. O. Musaiger	555
Book reviews	557
Corrigendum	567
Subject Index	569
Index of Authors	571

5
7
9
3
9
3
6
7
9
7